

Arboviral Surveillance Report

September 14, 2015

Surveillance

The City's arboviral surveillance continued last week and all collected mosquitoes were tested in-house for West Nile virus (WNV) and St. Louis Encephalitis (SLE). Trap counts have decreased. This week 6 trap locations within the City of Chicago collected WNV positive mosquitoes. These collections contained a combination of *Culex pipiens* and *Culex restuans* mosquitoes.

Mosquitoes (data from 78 traps)

Week 36 (09/06/15 – 09/12/15)	
Total Collections (Number of Traps X Frequency of Collection)	149
Number of Female <i>Culex</i> Trapped and Tested	370
Number of Pools Tested	79
Number of Pools Positive	6
Number of Community Areas with Positive Mosquitoes Pools	6
Cumulative Totals	
Total Collections (Number of Traps X Frequency of Collection)	2,239
Number of Female <i>Culex</i> Trapped and Tested	15,962
Number of Pools Tested	1,541
Number of Pools Positive	105
Number of Community Areas with Positive Mosquitoes Pools	47

Community Areas with Positive Mosquito Pools (Cumulative): Archer Heights, Ashburn, Austin, Avondale, Belmont Cragin, Beverly, Chicago Lawn, Clearing, Dunning, Edison Park, Edgewater, O'Hare, Forest Glen, Gage Park, Gr. Grand Crossing, Hegewisch, Irving Park, Lincoln Square, New City, North Park, Norwood Park, Portage Park, Riverdale, South Lawndale, South Deering, Washington Heights, West Town, West Lawn, Wood Lawn West Pullman.

Dead birds: To date, four dead birds have been collected; two negative, the other two not testable.

Humans: 1 human case reported.

Risk Assessment

The risk of human West Nile virus infection is moderate.

Larval and Adult Mosquito Control Efforts

The risk of WNV transmission appears to be declining after several weeks of adulticide applications. However, historically the risk of WNV transmission continues through the month of September.